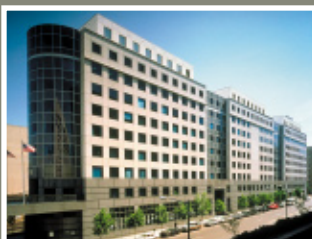




Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy. Each seminar is held at NREL's Washington office with a videoconference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



Energy Analysis Seminar Series

A "brown bag" analytical seminar series

Use of NEMS for EERE Policy Analysis

Frances Wood, Director

OnLocation, Inc., Energy Systems Consulting

Thursday, June 10, 2004

Noon – 1 p.m. (in Washington, D.C.)

10–11 a.m. (videoconference in Golden, Colo.)

The Office of Energy Efficiency and Renewable Energy (EERE) has used the National Energy Modeling System (NEMS) for a number of program-related policy analyses. NEMS was developed and is maintained by the Energy Information Administration (EIA), primarily for use in producing annual energy forecasts, as well as for performing policy analysis. OnLocation (an energy consultant) has created a number of model enhancements for EERE, such as adding more detail to the representation of wind classes, adding offshore wind technologies, and modifying the distributed photovoltaic system representation. OnLocation has also extended selected portions of NEMS to 2050 for use in a study of the long-term potential for solar technologies. Frances Wood will describe some of these improvements and applications of NEMS to EERE's policy issues, including the estimation of program benefits as part of the Government Performance and Results Act (GPRA) requirements.



Frances Wood

Frances Wood, a director with OnLocation, has more than 20 years of consulting experience with government and private clients. She has performed and managed numerous national energy and environmental policy analyses using integrated energy models such as NEMS, Integrated Dynamic Energy Analysis Simulation (IDEAS), and Policy Office Electricity Modeling System (POEMS). For many years, she has managed assessments of the Department of Energy's (DOE) energy efficiency and renewable programs using NEMS. Other policy analyses have included restructured electric markets, energy-related legislative proposals, and actions to reduce carbon dioxide emissions. Before joining OnLocation in 1997, Wood was director of consulting for AES Corporation. Wood has an A.B. from Dartmouth College and a M.S. in engineering economic systems from Stanford University.

Golden, Colo., information

1829 Denver West Drive, Golden, Colorado
Building 27, Conference Room 230 A/B

Please contact Lynne Fenn at lynne_fenn@nrel.gov or
303-384-7439

Washington, D.C., information

901 D Street SW (also the Aerospace Building, 370 L'Enfant Promenade), adjacent to the Forrestal Building

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Energy Analysis Office
Understanding Energy Issues